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PERIODICAL

GUIDE

FOR

COMPUTERISTS

*An Index of Magazine Articles
for Computer Hobbyists*

January - June

1977

PERIODICAL GUIDE FOR COMPUTERISTS Ja - Je 1977



PERIODICAL GUIDE FOR COMPUTERISTS

JANUARY - JUNE 1977

TABLE OF CONTENTS

Altair 680 Microcomputer.....	3	Memory	
Altair 8800 Microcomputer.....	3	General.....	17
Amateur Radio.....	3	Floppy.....	18
Analog/Digital Hardware & Circuits..	3	PROM.....	18
Apple Microcomputer.....	4	RAM.....	18
Application, General.....	4	Tape.....	18
Art.....	5	Microcomputers	
Bar Codes.....	5	General.....	19
Biorythms.....	5	Fundamentals & Design.....	20
Books & Publications.....	5	Selection Guides.....	21
Business & Accounting.....	5	Microprocessors	
Calculators.....	6	General & Selection Guides....	21
Clubs & Organizations.....	6	Fundamentals.....	21
Construction.....	7	2650.....	21
Conversion, Code & Number Base.....	7	6502.....	21
Debug.....	7	6800.....	21
Definitions.....	7	8008.....	22
Digital Group Microcomputer.....	8	8080.....	22
Education.....	8	F8.....	22
Experience.....	9	PACE.....	22
Fiction.....	9	SCAMP.....	22
Future.....	9	Z-80.....	22
Games, Calculator.....	9	Other Microprocessors.....	23
Games, Computer.....	10	Music.....	23
General Interest.....	11	Power Supply.....	24
Graphics.....	12	Printer.....	24
History.....	12	Programming	
Hobby.....	12	General & Software.....	25
Humor.....	12	Applications.....	25
I/O.....	12	Fundamentals.....	25
IMSAI Microcomputer.....	13	Utility.....	27
Intelligence.....	13	Public Access.....	27
Interface.....	13	Robots.....	28
Keyboard.....	14	Serial I/O.....	28
KIM Microcomputer.....	14	Shows.....	28
Language		SOL Microcomputer.....	28
General.....	14	Speech.....	28
ALGOL.....	14	Standards.....	28
APL.....	14	Stores & Enterprises.....	29
BASIC.....	15	SWTPC Microcomputer.....	29
Tiny BASIC.....	15	Systems.....	29
LLL BASIC.....	16	Teletype.....	29
FORTRAN.....	16	Terminals.....	29
PILOT.....	16	Test Equipment.....	30
LED Displays.....	16	Timesharing.....	30
Logic Fundamentals & Circuits.....	16	Vidio Displays.....	30
Math.....	16	Wave Mate Microcomputer.....	31
Math Problems & Puzzles.....	17	Magazine Addresses.....	32

LIST OF ABBREVIATIONS AND MAGAZINES INDEXED

<u>ABBREVIATION</u>	<u>MAGAZINE</u>
Byte	Byte
Calc. Comp.	Calculators / Computers
Comp. Music	Computer Music Journal
Comp. Notes	Computer Notes
Cr. Comput.	Creative Computing
Dig. Design	Digital Design
Dr. Dobbs	Dr. Dobbs Journal of Computer Calisthenics & Orthodontia
EDN	EDN
Elec. Des.	Electronic Design
Electronics	Electronics
Ham Radio	Ham Radio
IEEE Comp.	IEEE Computer
Interf. Age	Interface Age
Kilobaud	Kilobaud
Microtrek	Microtrek
Mini Micro	Mini Micro Systems
PCC	Peoples Computer
Per. Comput.	Personal Computing
Pop. Comput.	Popular Computing
Pop. Elec.	Popular Electronics
Radio Elec.	Radio Electronics
SCCS Interf.	SCCS Interface
73	73 Amateur Radio

MONTH ABBREVIATIONS

A number following the month
designates the day of issue.

Ja	January
F	February
Mr	March
Ap	April
My	May
Je	June

TYPE OF LISTINGS

a	Article
b	Book Review
e	Editorial
l	Letter from Readers
m	Miscellaneous (Small insert, notes, etc.)

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GUIDE FOR JANUARY - JUNE 1977

ALTAIR 680 MICROCOMPUTER

- Comp. Notes My p12 a Students Find Altair 680B Kit Easy to Assemble
by James Gupton
Comp. Notes Je p23 a New Troubleshooting Techniques Defined for Altair 680b
by Bruce Fowler
Kilobaud Mr p30 a Let's Hear It for the 680b ! ... an Easy Building Project
by Anthony Curtis
Kilobaud Mr p102 a Make Your 680b Smarter ... A Cheap Memory Expander
by Stuart Mitchell, Phil Poole

ALTAIR 8800 MICROCOMPUTER

- Byte Mr p16 1 Ye Old Board Switche Manoevre, (fix for bit dropping)
by Dr. F R Ruckdeschel, Xerox
Comp. Notes Mr p10 a Simple Fix Developed for Altair 8800A Power Supply
by Bruce Fowler

AMATEUR RADIO

- Comp. Notes Ja p1 a BASIC File Handler Developed for Hams by Dr. George Haller
Comp. Notes Mr p9 a HAM on the side, Altair SIOB Makes Ham Interfacing Easy
by David Le Jeune
Comp. Notes My p19 a HAM on the side, continued by David Le Jeune
Pop. Elec. Ja p37 a "Read" Dit's and Dah's with The Morse-A-Letter, Code
Reciever/Decoder by George Steber, Steven Reyer
Pop. Elec. My p63 a Morse Code Automatic Readout on TV Screen, Interf. Morse a
Letter to TTV by George Steber
73 Ja p83 a A Super Log--a Program for the Ham Shack Computer
by Jim Huffman
73 Ja p100 a 1,000 WPM Morse Code Typer -- For the Bionic Brass Pounder
by James Pollock
73 F p82 a RTTY Goes Modern -- Using Microprocessors by Robert Brehm
73 Mr p94 a PROM Message Generator for RTTY -- Keyboards are Obsolete
by Richard Joerger
73 Ap p80 a CW for the 6800 -- It Works! by L C Wells
73 My p66 a Computer Controlled Thermometer -- Take OSCAR's Temp with a
Micro by Mark Herro
73 My p70 a Computerized RTTY Takeover ! -- Digital Group Cassette to TU
Conversion by Louis Hutton
73 Je p98 a SSTV Meets the SWTP 6800 -- Modulate Video With a Micro
by Clayton Abrams
73 Je p108 a Aim Your Antenna With a Micro by Dennis Bodson, Bob Fenichel

ANALOG/DIGITAL HARDWARE AND CIRCUITS

- Byte F p122 a TTL Loading Considerations
by Greg Tomalesky, Des Engr, G T Electronics
Byte Mr p137 1 (correction) Why the DAC's Don't Work (Nov '76 Byte p78)
by Chris Morgan
Byte My p56 a Interfacing With an Analog World--Part 1 by Joseph Carr
EDN Mr20p127 a Take a Fresh Look at New IC Timer Applications (555)
by Walter Jung
EDN My5 p77 a Designer's Guide to Temperature Sensing by Jim Williams
EDN My20p71 a Designer's Guide to: Temperature Measurement by Jim Williams
EDN Je20p87 a Designer's Guide to: Temperature Control by Jim Williams
Elec. Design Ja18p90 m Watchdog Circuit Guards uP Systems Against Looping
by Victor Schiff, Richard Parr
Elec. Des. Ap26p120 a Low Cost Integrator Multiplies 555 Timer's Delay Range 100
Times by William Olthoff
Elec. Des. Mr1 p68 a Control Your Analog Variables Digitally by A Singh
Elec. Des. Mr1 p74 m Digital Integrator for Intrusion System Discriminates
Against False Sig. by Thomas Gross
Elec. Des. Mr1 p78 m Timer Pulses Coasting to a Stop Heighten Electronic Game
Realism by William Krengel
Elec. Des. F 1 p68 m Implement a Lab Scope Data Display with uP Software
by Peter Ole Jensen
Elec. Des. Je21p104 a Digitally Programmed Oscillator is Suitable or uP Control
by Donn Soderquist, Precision Monolithics
Electronics F17 p99 a Analog Current Switch Makes Gain Programmable Amplifier
by John Maxwell
Electronics Mr3 p117 m Chart Aids Selection of Optimum LED Driver by William Palm

ANALOG / DIGITAL HARDWARE AND CIRCUITS continued

- Interf. Age Ja p47 a Build a 3 Digit A/D Convertor for Your Microcomputer
by Roger Edelson
- Interf. Age F p68 a Applying the LD130 A/D Convertor Chip by Roger Edelson
- Interf. Age Mr p84 a Product Guide: Components
- Interf. Age Mr p110 a Hardware Report: Review of Several ICs by Roger Edelson
- Interf. Age Ap p31 m L.E.D. Flasher by Nathan Loofbourrow
- Interf. Age Ap p68 a Programmable Bit-Rate Generator by Krishna Rallapalli
- Interf. Age Ap p101 b Basic Electricity and DC Circuits
by Ralph Oliva, Charles Dale
- Interf. Age My p84 a Hardware Report: Western Digital's FR1502E First In/First Out Buffer IC by Roger Edelson
- Interf. Age Je p66 a Introducing the S-100 Standard Small Computer Bus Structure
by W M Goble
- Kilobaud F p18 a ZAP! (CMOS) by Joe Magee
- Kilobaud F p132 a A 6800 Single Stepper by Mark Borgerson
- Kilobaud Ap p22 a Clocked Logic...Part 2: Some Basic Applications
by Don Lancaster, SYNERGETICS
- Kilobaud Ap p106 a Three-State Logic...explanation of a key uP element
by John Molnar
- Kilobaud My p13 b CMOS Cookbook by Don Lancaster
- Kilobaud My p24 a Clocked Logic...Part 3: Data Convertors and Special Functions by Don Lancaster
- Kilobaud My p98 a Adding "PLOP" to Your System...a Noisemaker for Computer Games by Don Parks
- Kilobaud Je p18 b The Big CMOS Wall Chart by Don Lancaster
- PCC Mr p14 a Chip Talk Revisited by Don Inman
- PCC My p25 b Digital Troubleshooting by Richard Gasperini
- Pop. Elec. Ap p53 a The How's & Why's of D/A and A/D Converters by Robert Pascoe
- Radio Elec. Ap p58 a IC Application: Reticon Dual 512 Analog Delay Line
- 73 Ja p96 a A Software Replacement for the Muffin Fan -- IC Cooling Program by Jack Olivieri
- 73 Mr p106 a How Counter IC's Work -- The Next Step is a Micro
by William Browning
- 73 My p89 a TTL Techniques -- Bypass Those Glitches by William Browning
- 73 My p118 a Try Power Saver Logic -- A Guide to CMOS Applications
by W J Prudhomme

APPLE MICROCOMPUTER

- Byte Ap p10 m A Nybble on the Apple by Carl Helmers
- Byte My p34 a System Description: The Apple II
by Stephen Wozniak, Apple Computer Co.

Interf. Age My p132 a Apple Star-Trek by Robert Bishop

Kilobaud F p34 a The Remarkable Apple Computer by Sheila Clarke

APPLICATIONS, GENERAL

- Byte F p54 a Audible Interrupts for Humans by Dr. Charles Douds
- Byte F p62 a A Cub 54, Where Are You? (Or How to Navigate Using Mini-O)
by Ralph Burhans, Research Engr.
- Byte Mr p9 a Give Your Micro Some Muscles by Robert Grappel
- Byte Mr p70 a Simplified Omega Reciever Details
by Ralph Burhans, Research Engr.
- Byte Mr p137 1 (correction) Weather Predictions (Dec '76 Byte p62)
by Mike Firth
- Byte Ap p100 a Navigation with Mini-O by Richard Salter
- Comp. Notes Ja p3 a Altair 680B Aids in Brain Research by Steve Pollini
- Comp. Notes Ja p5 a Altair Computer Scores High at Golf Tournament
by O E (Gene) Dial
- Comp. Notes Mr p19 a Computer Inspects Industrial Output by Bill Kuhn
- Comp. Notes My p16 a The Altair Advantage (graphic arts composition application)
by Barry Yarkon
- Cr. Comput Ja p40 a Computer's Statistics Score High for Basketball Team
by Steve Ziehme
- Elec. Des. Mr1 p68 a Control Your Analog Variables Digitally by A Singh
- Elec. Des. Ap26p70 a The Design of a Home Security System by Robert Ulrickson
- Interf. Age F p86 b What Computers Can Do by Donald Spencer
- Interf. Age Mr p40 a The Computer Even a Baby Can Use, Microcomputer Fetal
Electrocardiograms by Kenneth Perry, Basil Steele, Rocky Bridges, Harry Garland
- Interf. Age My p16 a Computrac 2000, Microprocessor controlled record player
by Robert Cheeseboro
- Interf. Age My p126 a Checkbook Balancer Program by Jim Huffman

APPLICATIONS, GENERAL continued

- Interf. Age Je p24 a Microprocessor Controls Prostheses Via EMG Signal
by Daniel Graupe
- Interf. Age Je p96 a Everyone Likes Payday--General Payroll Package
by Bud Shamburger
- Kilobaud Ja p96 a Computers in Golf...Help for the Handicapped
by George Haller
- Kilobaud Ja p108 a FIRE! let your micro call for help
by John Craig, Kilobaud editor
- Kilobaud F p3 e But What Are You Going To Do With a Home Computer?
by John Craig
- Kilobaud F p68 a A Useful Loan Payment Program by Tom Rugg, Phil Feldman
- Kilobaud F p134 a Computerized Statement...The Answer to Slow-Paying Customers
by Lee Wilkinson
- Kilobaud Ap p82 a Digital Audio...The Next Revolution in Sound?
by Tom Scott, Uncalledfor Productions
- Kilobaud Je p88 a Try Solar Energy...Computerized Answer to the Energy Crisis
by Hal Chamberlin
- Kilobaud Je p106 a Computerized Typesetting...An Introduction to Word
Processing by Lee Wilkinson
- Per Comput My p48 a DOTS Break the Ice
- Per Comput My p54 a Recursive Budgeting by O.E. Dial
- 73 Ja p96 a A Software Replacement for the Muffin Fan -- IC Cooling
Program by Jack Olivieri
- 73 F p72 a Computerized Satellite Tracking -- The Needed Software
by Bob Henson

ART

- Cr. Comput Ja p53 m Birthday Plots of Creative Computing
by Wang and HP Calculators
- Cr, Comput. My p50 m A Picture in 20 Lines by E. Young
- Cr, Comput. My p65 m Centerfold "Geometrics"
by A Varion Statos Electrostatic Printer
- Kilobaud Je p17 b Artist and Computer by edited by Ruth Leavitt
- Per Comput Ja p9 b Artist and Computer by Ruth Leavitt,ed.
- Per Comput Ja p92 a The Equalizer
- Per Comput Mr p140 a Featured Artist: Duane Michael Palyka (foldout)
- Per Comput My p140 a Featured Artist: Aldo Giorgini

BAR CODES

- Byte F p121 m Further Notes on Bar Codes
- Byte Mr p13 l Paperbytes Forum (Several letters) by ...
- Byte Mr p130 a Another Paperbytes Test
- Byte Ap p162 a Paperbytes Forum (Several Letters) by ...
- Byte My p145 m Blabberwacky: Answer to Bar Code Puzzle (Mar.'77 Byte p130)
- Dr. Dobbs Ap p36 a The Characteristics & Decodability of the Universal Product
Code Symbol by D Savir, G Laurer, IBM

BIORYTHMS

- Pop. Elec. Je p45 a Biorhythm Forecast

BOOKS AND PUBLICATIONS

- Byte Ja p119 a Clubs and Newsletters Directory
- Byte Mr p14 e Byte Goes International by Carl Helmers
- Comp. Notes Ap p10 a Publications Provide Novice with Essential Information
by Rich Haber
- Cr. Comput. Mr p125 a Index to The Best of Creative Computing Vol. 2
by ?, probably David Ahl What's Your Guess?
- Cr. Comput. Mr p127 a Index to The Best of Creative Computing Vol. 1 by ?, again
- EDN Mr5 p93 a EDN Article Index July - December, 1976
- Elec. Des. Ap12p154 a Electronic Design 1976 Annual Index of Articles
- Interf. Age Mr p87 a Product Guide: Literature
- Kilobaud Ja p19 b The Best of Creative Computing Volume I by David Ahl, ed.
- PCC Ja p2 a Who We Are (results of reader survey)
by If you are a reader then, YOU
- PCC Mr p40 b The Electronic Projects Newsletter by Robert Delp, publisher
- PCC Mr p40 b Calculators / Computers (magazine)
- PCC Mr p42 a PCC: New Directions (reader survey results)
- Pop. Comput. F p19 m Annual Index Issues 34 to 45, January to December 1976
- Pop. Comput. Mr p12 m List of Magazines in the Hobby Computer Field

BUSINESS AND ACCOUNTING

- Calc. Comp. My p18 a Home Mortgage by LeRoy Finkel
- Calc. Comp. My p53 a Inventory Pricing by LeRoy Finkel
- Calc. Comp. My p63 a Payroll by Peter Sessions

BUSINESS AND ACCOUNTING continued

- Comp. Notes My p5 a Altair Payroll Package Supports 500 Employees on One Floppy Disk by John Hayes
- Interf. Age F p29 a Microcomputer Stock Options; To Hedge or Not--The Option is Yours by Edward Christianson
- Interf. Age My p126 a Checkbook Balancer Program by Jim Huffman
- Interf. Age Je p96 a Everyone Likes Payday--General Payroll Package by Bud Shamburger
- Kilobaud F p68 a A Useful Loan Payment Program by Tom Rugg, Phil Feldman
- Kilobaud F p134 a Computerized Statement...The Answer to Slow-Paying Customers by Lee Wilkinson
- Kilobaud My p34 a Cure Those End-of-Month Blues...with a sales analysis program by Lee Wilkinson
- Kilobaud Je p94 a Simplified Billing System...In BASIC for the Small Business by Carl Denver Waren II
- PCC My p46 a BASIC Mortgages by Tim Barry
- CALCULATORS**
- Byte Je p13 1 Some SR-51 Calculator Interface Info by William Lewis
- Calc. Comp. My p7 a Calculators in the Elementary School by David Moursund
- Calc. Comp. My p21 a Calculators for Beginners by Bob Albrecht
- Cr. Comput. Mr p10 1 Comparing the HP-25 with the SR-56 by George Thompson
- Cr. Comput. My p34 a Sophisticated Pocket Calculators: Theory & Practice for the Consumer,User by Edward Tufte, Princeton Univ.
- EDN F 20p123 a Use the HP-25 as Timer & Scorekeeper by Gordon Wong
- EDN Ap5 p12 1 Sync Your HP-45 by Paul King
- Elec. Des. Mr1 p20 a Today's Scientific Calculators Offer More Computing Power and Cost Less by Jim McDermott
- Elec. Des. Mr1 p54 a Power Calculators for the Blind (SR-52) by Claus Janota, Applied Research Lab
- Electronics Ja6 p115 m Programming the SR-52 for Engineering-Format Display by Daniel Ozick
- Electronics Ja20p113 a HP-25 Program Yields Values of Network Transfer Functions by Robert Boyd
- Electronics F 3 p119 a Program Analyzes Spectrum of Oscilloscope Waveforms (HP-25) by Alan Wilcox
- Electronics F 17p114 a SR-56 Sequence Timer Gives Audible Alarm by Tom Martin
- Electronics Mr17p92 a Programming a Calculator to Plot Mathematical Functions (SR-52) by Warren Offutt
- Electronics Mr17p112 m SR-52 Program Calculates AWG Wire Characteristics by Fredric Fish III
- Electronics Mr31p119 m Conversion Program Helps Deal with Decibels (SR-56) by John Bryant
- Electronics Ap28p121 m Coil-Winding Program Saves RF Design Time (HP-25) by Andrew Hudor
- Electronics My12p121 m SR-52 Solves Network Equations by Finding Complex Determinate by Chris McIntyre
- Kilobaud Ja p86 a Programming? It's Simple (calculators) by Peter Stark
- Kilobaud Ap p16 1 It's in the "T" register, Pete! (Kilobaud, Jan p89)
- Kilobaud F p5 b Calculator Users Guide and Dictionary by Charles Sippel by John T. Craig
- Kilobaud Ap p46 1 Programming it's simple (Kilobaud Jan '77 p90)
- Kilobaud My p12 b How To Get The Most Out Of Your Low Cost Electronic Calculator by Ronald Benrey
- Microtrek Ja p21 a Interfacing a Microcomputer to a Pocket Calculator by Michael Wimble
- PCC Ja p12 b Calculator Calculus by George McCarty
- PCC Ja p13 a Kalkulator Korner by Gene Hegedus
- PCC Mr p40 b Calculators / Computers (magazine)
- Pop. Comput. Mr p14 a Schwartz on Calculators by Dr. Mordecai Schwartz
- CLUBS AND ORGANIZATIONS**
- Byte Ja p116 a A Computer Hobbyist Club Survey by David Caulkins
- Byte Ja p119 a Clubs and Newsletters Directory
- Byte Ap p70 a Establishing the CHU Dynasty (Let it all Hang Out) by Stephen Gray, Amatuuer Computer Society
- Byte My p113 1 Some Thoughts on Clubs by Frank Stodolka
- Cr. Comput. My p70 a List of Amateur Computer Clubs
- Dr. Dobbs Mr p14 1 Microcomputer Clubs in Japan by Haruhisa Ishida, University of Tokyo
- Kilobaud Ap p4 e Computer Clubs by John Craig
- Kilobaud Je p30 a Computer Club Professional Techniques...When You Can't Afford Madison Ave. by Charles Floto

CLUBS AND ORGANIZATIONS continued

Per Comput Ja p28 a Sign Up a Software Scribe: The Power of a Club
 Per Comput Ja p94 a Listing of Computer Clubs
 Pop. Elec. Ap p97 a Hobbyist Computer Clubs, list
 SCCS Interf. F p22 a Proposal for a new SCCS Member Discount Plan by Gene Murrow

CONSTRUCTION

Byte Ja p92 a Seperate Your Sync by David Rosen
 Byte Mr p50 a What's Involved in Kit Building by Louis Frenzel
 Cr. Comput Ja p31 a Be Careful of RFI and TVI from Your CPU
 Interf. Age My p95 a Card-of-the-Month Poly I/O Ideaboard Prototyping Board for S-100 Bus by Roger Edelson
 Kilobaud Ja p64 a Wire Wrapping...Try It! by Dennis Brown, Wave Mate
 Kilobaud F p18 a ZAP! (CMOS) by Joe Magee
 Kilobaud My p110 a Kilobaud Klassroom...part 1: Getting the Ball Rolling by George Young, Sierra High School
 Kilobaud Je p78 a Try a Design Console...For Practical Hardware Prototyping by George Young
 PCC Mr p40 b The Electronic Projects Newsletter by Robert Delp, publisher
 PER COMPUT Ja p11 b Hobby Computers are Here by Wayne Green, ed.
 Pop. Elec. Ja p44 a Chemicals for Electronic Servicing by A A Mangieri
 Pop. Elec. My p55 a New No-Camera Printed Circuit Board Method by A A Mangieri
 SCCS Interf. Ja p50 a Helpful Hints or What I Had to Learn To Build a Computer, Nuts and Volts by Tricia Wood
 73 Ja p96 a A Software Replacement for the Muffin Fan -- IC Cooling Program by Jack Olivieri
 73 Mr p50 a Logical Storage for Logic -- Not Recommended for CMOS by D E Stanfield
 73 Mr p136 a Making Your Own PC Boards--Part I by Charles F. Smith
 73 Ap p58 a Making Your Own PC Boards Part II by Charles Smith
 73 Je p178 a New PC Techniques Unveiled! -- Dig Out Your Old Chemicals by W J Prudhomme

CONVERSION, CODE AND NUMBER BASE

Dr. Dobbs My p9 a Jack Armstrong's Super Decoding Ring Revisited by Marvin Winzenread
 EDN Ja5 p46 a uP Algorithms make BCD-Binary Conversions Super Fast by J A Tabb, M L Roginsky
 EDN Ap5 p135 m A BCD-to-Binary Conversion Routine by Belton Allen
 Electronics Mr31p105 m Special PROM Mode Effects Binary-to-BCD Converter by D M Brockman
 Electronics Je9 p152 m SR-52 Program Simplifies Universal Number Conversion by John Bryant
 Interf. Age My p114 a Number Base Conversion Routine by John Swain
 Pop. Elec. Je p70 a How Computers Detect and Correct Transmission Errors by Jerome May

DEBUG

Comp. Notes My p21 a Glitches, "WINDOW" Program Isolates System Faults by Bruce Fowler
 EDN My5 p107 m Light Emitting Memory aids uP Debugging by K Soe Hojberg
 Elec. Design Ja18p54 a Solve Software Problems Step by Step by Robert Ulrickson
 Elec. Des. My10p74 a Wring out 4-Bit uP Slices with Algorithmic Pattern . Generation (2900) by Richard McCaskill, Macrodata Corp.
 Elec. Des. Je7 p96 a Getting the Bugs Out of Your Software can be Harrowing and Costly by Robert Ulrickson
 Ham Radio F p56 a Troubleshooting Logic Circuits by Pat Shreve
 Interf. Age Mr p121 a Octal Debugging Program (ODT-80) Part IV of LLL 8080 BASIC by E R Fisher
 Kilobaud Ja p118 a Nobody Knows the Troubles I've Seen (logic analyzer) by R A Walker, T H Lincoln, A H McDonough
 Kilobaud F p22 a Chasing Those Naughty Bits by John Molnar
 Kilobaud Ap p6 b Digital Troubleshooting by Richard Gasperini
 Kilobaud Ap p60 a The Slow Stepping Debugger by Howard Bendrot, Computer Mart of New Jersey
 PCC My p25 b Digital Troubleshooting by Richard Gasperini
 Pop. Elec. My p96 a Computer Bits; Debugging Aids by Hal Chamberlin
 73 Ja p80 a How to Find a Forgetful Memory, Diagnostics for a Thoughtless Computer by Dan Stogdill

DEFINITIONS

Byte Ap p124 a Microcomputer Glossary by David Price
 Byte Je p125 1 The Evolving Lexicon by CJ Mike Fern Jr

DEFINITIONS continued

EDN	Ja5 p75	a This Programmer's Glossary Defines Key Software Terms by David Matthews
EDN	My20p101	a Tired of Decoding Alphabet Soup? Try This Acronym Dictionary by Frank Kaiser
Kilobaud	Ja p124	a Glossary by Doug Hagg, John Goettelmann
Kilobaud	F p122	a Glossary by Doug Hogg, John Molnar
Kilobaud	Mr p130	a Glossary by Doug Hogg
Kilobaud	Ap p6	b Microcomputer Dictionary and Guide by Charles Sippel
Kilobaud	Ap p124	a Glossary by Tim Barry
Kilobaud	My p124	a Glossary by Tim Barry
Kilobaud	Je p112	a Glossary by Tim Barry
DIGITAL GROUP	MICROCOMPUTER	
Byte	Mr p114	a Try This Computer on for Size by Steve Ciarcia
Interf. Age	Ap p74	a Building a Digital Group System by Donald Southwick
Kilobaud	Ja p100	a What's that Digital Group Really Doing? by John Craig, Kilobaud editor
Microtrek	Ja p35	a Buyer's Report: The Digital Group System by Steven Woodall
EDUCATION		
Byte	Ja p76	a Product Description; A Tutorial Training Computer
Per Comput	Mr p106	a Future Computing (uP's in San Jose Schools) by Peter Grimes
Calc. Comp.	My p7	a Calculators in the Elementary School by David Moursund
Calc. Comp.	My p21	a Calculators for Beginners by Bob Albrecht
Calc. Comp.	My p39	a STATES
Calc. Comp.	My p57	a Computers in Junior High Schools by Karen Billings
Calc. Comp.	My p76	a BASIC Test Units by LeRoy Finkel
Cr. Comput	Ja p34	a A Microcomputer Software Course by Joseph Williams, David Yaney, Robert MacCrone
Cr. Comput	Ja p36	a Computer Science at Carnegie-Mellon Univ. by Susan Hastings
Cr. Comput	Ja p54	a Interactive Computing in Secondary Schools in France by Robert McLean
Cr. Comput	Ja p70	a Complex Problem Solving experiencefor Undergrads Via Computer Technology by Michael Szabo, Thomas Rhoades
Cr, Comput.	My p52	a The uComputer Inflicts "Future Shock" on Technical Education by Richard Vuillequez
Cr. Comput.	My p82	a CAI: Mathematics Drill and Practice by David Ahl
Electronics	Ap10p82	a Calculators Count More in Class by Judith Curtis
IEEE Comp	Ja p32	a Microcomputers in the Computer Engineering Curriculum by John Wakerly, Edward McCluskey
IEEE Comp	Ja p40	a A Microprocessor Laboratory for a University Enviroment by Bernard Carey
IEEE Comp	Ja p53	a Teaching Microcomputer Interfacing to Non-Electrical Engineers by Peter Rony, David Larsen
IEEE Comp.	Mr p31	a Personal Dynamic Media by Alan Kay, Adele Goldberg, Xerox
Interf. Age	F p40	a Warp Factors (A Look at the Educator II Microcomputer) by Tom Mazur, Motorola
Interf. Age	Mr p100	b Systems Engr. of Education VI: Principles of Computer-Assisted Instruc. by Leonard Silvern
Kilobaud	Mr p42	a Computers for FREE ! ... Schools Have a Beter Chance by Don Inman
Kilobaud	F p110	a 7 X 9 = 56 ... Right? by Jack Inman
Kilobaud	My p110	a Kilobaud Klassroom...part 1: Getting the Ball Rolling by George Young, Sierra High School
Kilobaud	Je p38	a Put a Micro in Your School...Getting Started With Zero Bucks! by Harley Dyk
Kilobaud	Je p78	a Try a Design Console...For Practical Hardware Prototyping by George Young
Kilobaud	Je p98	a Kilobaud Klassroom No.2 Gates and Flip-Flops Explained by George Young
PCC	Ja p5	a My Computer Likes Me More When We Have Conversations,Teaching kids Prog by Joanne Koltnow Verplank
PCC	Ja p8	a A Day in the Life of COMMUNITY COMPUTER CENTER by Dean Daily
PCC	Mr p19	a A Practical Classroom Computer System by Don Inman
PCC	Mr p20	a A High School Computer System by Christopher Lett
PCC	Mr p21	a Cabrillo Computer Center, Summary of Activities by Hal Singer
PCC	Mr p40	b The Electronic Projects Newsletter by Robert Delp, publisher
PCC	Mr p40	b Calculators / Computers (magazine)
PCC	My p51	a Women & Math Projects: Lawrence Hall of Science
SCCS Interf.	Ja p18	b My Friend the Computer by Jean Rice

EXPERIENCE

- Byte Ap p18 a Having a "PRIVATE AFFAIR" with Your Computer
by Steve Ciarcia
- Comp. Notes My p12 a Students Find Altair 680B Kit Easy to Assemble
by James Gupton
- Cr. Comput. Ja p30 a How I Built an IMSAI 8080 with Solder, Luck & Little Help From
The Manual by Steve North
- Cr. Comput Ja p33 a Building the SWTPC 6800 by Bryan Loofbourrow
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by Larry Rossi, ROLM Corp.
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Chips by Tricia Wood

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- Cr. Comput Ja p45 a The Land of HALCO (Satire) by Frank Rowlett, Jr.
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by Alex Ragen
- Cr. Comput Ja p51 a Conversation with Ann by Frank Rowlett, Jr.
- Cr. Comput Ja p60 a A for Effort, Zero for Arab by Anonymous
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- Calc. Comp. My p42 a HURKLE SR52 by Mac Oglesby
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- Cr. Comput. Ja p82 m Calculator Teasers (Answers Appear Upside Down)
by Maybe an HP67 or Could Have been a SR-52
- Kilobaud F p70 a Submarine!...a Game for the SR-52 by Peter Stark
- Kilobaud Je p44 a Torpedoes Away!...Submarine Game for the SR-52
by Charles Hanson

GAMES, CALCULATOR continued

Pop. Elec.	Je	p40	a	Battle The Dive Bomber	HP 25
Pop. Elec.	Je	p41	a	Football	HP25
Pop. Elec.	Je	p42	a	Blackjack	HP25
Pop. Elec.	Je	p43	a	Space Flight	HP25
Pop. Elec.	Je	p45	a	Biorhythm Forecast	
Pop. Elec.	Je	p46	a	Test Your ESP	HP25
GAMES, COMPUTER					
Byte	Ja	p56	a	Black Friday by Robert Baker	
Byte	Ja	p78	a	Computer Models for Board Games by Russell Yost Jr	
Byte	Mr	p106	a	Flights of Fancy with the Enterprise (Star Trek)	
			by David Price		
Byte	Ap	p8	a	KIM Goes to the Moon (Lunar Lander) by Jim Butterfield	
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Calc. Comp.	My	p11	a	Playing Games at the Center by Joanne Verplank	
Calc. Comp.	My	p39	a	STATES	
Calc. Comp.	My	p49	a	Games Computers Play by Bob Albrecht	
Calc. Comp.	My	p60	a	Machine Match- Up	
Comp. Notes	Mr	p7	a	"HIT ME AGAIN!" Play Blackjack with a Computer	
Comp. Notes	My	p8	a	End Programming Humdrum with YAHTZEE by Jim Gerow	
Cr. Comput	Ja	p74	a	Learning by Doing by Fred Gruenberger	
Cr. Comput	Ja	p79	a	Find the Presidents & Vice-Presidents of the United States	
Cr. Comput	Ja	p80	a	Train Your Computer to be a Go-Moku Champion	
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Cr. Comput	Ja	p86	a	Daytona 500 by Geoffrey Churchill	
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Cr. Comput	Mr	p107	m	Puzzles and Problems for Fun by ...	
Cr. Comput.	Mr	p110	a	A Musical Number Guessing Game by Kurt Inman	
Cr. Comput.	Mr	p117	a	DODGEM by Mac Oglesby	
Cr. Comput.	Mr	p122	a	Pasart by Charles Lund	
Cr. Comput.	Mr	p124	a	Bible Quiz by Steve Wentworth	
Cr. Comput.	Mr	p126	a	FLIP by John James	
Cr. Comput.	My	p66	m	Bust Your Compiler by Dennie Van Tassel	
Cr. Comput.	My	p110	a	Twonky by Mark Capella	
Cr. Comput.	My	p113	a	Swarms by Rand Miller	
Cr. Comput.	My	p120	a	Euchre by Victor Raybaud	
Dr. Dobbs	F	p24	1	ZAP the Moon Man...Converted to 12K BASIC by Dan Elliott	
Dr. Dobbs	My	p10	a	Video Chase for 8080/VDM by Joseph Sanger	
Interf. Age	Ap	p109	a	Shooting Stars by H. DeMonstoy	
Interf. Age	My	p132	a	Apple Star-Trek by Robert Bishop	
Interf. Age	My	p135	a	John Conway's Game of Life by Alan Miller	
Interf. Age	Je	p131	a	"Star Lanes" A Non-Programmer Writes a Computer Game	
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Kilobaud	Ja	p130	a	Six Games on a Chip..TV Tournament Time by Alan Dorman	
Kilobaud	F	p40	a	Beware the Wumpus by Joe Kasser	
Kilobaud	F	p48	a	Chase ! by Herman DeMonstoy	
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PCC	Ja	p18	a	Games for You to Program: How REVERSE was Done by the Dragon	
PCC	Ja	p26	a	MASTERMIND-A Game of Logic by Jesse Heines & Gay Rosser	
PCC	Ja	p31	a	The Don Quixote Starship	
PCC	Mr	p26	a	Don Quixote Starship by Doug Seeley	
PCC	Mr	p28	a	7 X 9 = 56....Right? by Jack Inman	

GAMES. COMPUTER continued

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|--------------|----|------|---|
| PCC | Mr | p29 | a Tiny Basic Math Drill by Don Russel |
| PCC | Mr | p34 | a Games for You to Program by the Dragon |
| PCC | Mr | p36 | a Mine 8 by Doug Felt |
| PCC | Mr | p37 | a Simulations The World of SELLING by MECC Publications |
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| PCC | Mr | p38 | a ZOT by Marc LeBrun |
| PCC | My | p18 | a Don Quixote Starship Presents: SPACE COLONY; Living in a Garden of illus by Marjorie Stuart, Don Wood illustrator |
| PCC | My | p30 | a A Simulated Stock Exchange by Ed Pearsons, Miklos Vasarhelyi |
| PCC | My | p48 | a Exagon by Mac Oglesby |
| Per Comput | Ja | p78 | a Story |
| Per Comput | Ja | p80 | a Hamurabi |
| Per Comput | Mr | p54 | a Bearing in on Backgammon by Nels Winkless III |
| Per Comput | Mr | p126 | a A Startrek Walkthrough by Steve Pollini |
| Per Comput | My | p92 | a A Chess Piece by David Galef |
| Per Comput | My | p104 | a Future Computing Games by Rick Loomis |
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| SCCS Interf. | F | p44 | a Tiniest Trek by Frank McCoy |
| SCCS Interf. | F | p46 | b What To Do After You Hit Return
by Peoples Computer Co. & Hewlett Packard |

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- | | | | |
|--------------|------|-------|---|
| Byte Byte | Ja F | p4 p4 | e The Appliance Computer by Carl Helmers
e Personal Computing: An Idea Whose Time has Come!
by Portia Isaacson, PhD |
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by Nels Winkless |
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by Robert James Fischer |
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| Per Comput | Ja | p21 | a Ten Easy Steps to Becoming a Computer Hobbyist
by Henry Gilroy |
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by Barry Goldwater Jr., Congressman |
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| SCCS Interf. | Ja | p26 | a Here Comes PCC (Pertec Computer Corp.) to MITS |
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| 73 | Je | p148 | a Digital Bargain Hunting -- Tips on Surplus Computer Goodies
by Louis Macknik |

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by Dave Antreasian
- Cr. Comput. Ja p96 b Computer Graphics: 118 Computer-Generated Designs
by Melvin Prueitt
- Dr. Dobbs Mr p12 a Graphics on the Poly 88 by Harvey Cohen
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system by Stan Ockers
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by Marco Barnig
- Interf. Age Mr p104 a Card of the Month: Cromenco TV Dazzler by Roger Edelson
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Bd.) by Marvin Mallon
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- Byte F p104 a Calculator Keyboard input for the Microcomputer
by Joseph Hoegerl
- Byte Mr p9 a Give Your Micro Some Muscles by Robert Grappel
- Byte Mr p88 a An Inexpensive Joystick Interface by Thomas Buschbach
- Byte My p50 a Come Upstairs and Be Respectable (remote keyboard)
by Steve Ciarcia
- Byte My p56 a Interfacing With an Analog World--Part 1 by Joseph Carr
- Byte Je p54 a Interfacing With an Analog World--Part 2 by Joseph Carr

I/O	continued							
Byte	Je	p18	a	Designing Multichannel Analog Interfaces by Douglas Kraul				
Comp. Notes	Ja	p19	a	88-PCI Offers Unlimited Potential				
Comp. Notes	Mr	p2	a	Altair 88-ADC Useful for Digitizing Waveform by Dave Antreasian, Rick Ranger				
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Comp. Notes	Mr	p12	a	Universal I/O Increases 680's Versatility by Randy Huddleston				
Comp. Notes	Ap	p18	a	Altair AD/DA Subsystem Reads and Generates Analog Signals by Bill Kuhn				
Cr. Comput	Mr	p36	a	Cromenco A/D and Joysticks				
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Elec. Des.	Ap26	p86	a	Cut A/D Conversion Costs by Using Software and A/D Convertors by Wes Freeman, Will Ritmanich, Precision Monolithics				
Electronics	F 3	p106	m	Shift Registers Act as Control Interface for Microprocessor by Felix Sawicki				
Electronics	F 3	p118	m	Microprocessor Reads BCD on Only Three Lines by Darwin Scott				
Electronics	Mr17	p100	a	Making Mini I/O Upward-Compatible by Jerry Washburn				
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Interf. Age	F	p68	a	Applying the LD130 A/D Convertor Chip by Roger Edelson				
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Kilobaud	Mr	p64	a	Only Five Senses ... Add a Few With This Converter by Mark Borgerson				
Kilobaud	Ja	p114	a	A Teletype Alternative (serial adaptor) by Robert Grater				
Kilobaud	Ap	p46	1	TTY Alternative (Kilobaud Jan '77 p118) by Bob Grater				
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Cr. Comput.	Ja	p30	a	How I Built an IMSAI 8080 with Solder, Luck & Little Help From The Manual by Steve North				
Dr. Dobbs	Mr	p7	1	IMSAI Glitch Fixer by Fred Pfafman				
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Byte	F	p102	a	Product Description: RO-CHE Systems Multi Cassette Controller by Bill Roch, RO-CHE Systems				
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by Joseph Hoegerl
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by Steve Ciarcia
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Interf. Age	F	p103 a BASIC Algorithms for Common Math Functions by Michael Burton
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73	My	p76 a Let BASIC Control Your Next Contest!!--With Extended Tiny BASIC Language by Dick Whipple
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Dr. Dobbs	F	p5 1 String Handling for Pittman's 6800 Tiny Basic by Henry Lee
Dr. Dobbs	F	p6 1 Extensions to Wang's Palo Alto Tiny BASIC by Russ Hayden
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- " 8008 MICROPROCESSOR
- Byte Ap p110 a Microprocessor Update: 8008 by Robert Baker
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- " 8080 MICROPROCESSOR
- Byte Mr p114 a Try This Computer on for Size by Steve Ciarcia
 - Byte Ap p161 a Programming Puzzle: An 8080 Bug in the Stack by Bruce Dolan
 - Byte My p136 a 8080 Programming Notes by Paul Krystosek, John McCarty
 - Comp. Notes Ap p3 a Software Tidbits by Mark Chamberlin
 - Cr. Comput. Ja p30 a How I Built an IMSAI 8080 with Solder,Luck & Little Help From The Manual by Steve North
 - Dr. Dobbs F p30 a An 8080 Disassembler with exquisite documentation by Ward Christensen
 - Dr. Dobbs Mr p8 a Tiny Linkage Editor for "Relocatable Code" on 8080's and Z-80's by Dan Shaw
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 - Radio Elec. My p24 a Komputer Korner, overview of 8080A up by Peter Rony, David Larsen, Jonathan Titus
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- Byte F p88 a Microprocessor Update: The F8 System by Robert Baker
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- " Z-80 MICROPROCESSOR
- Dr. Dobbs Mr p8 a Tiny Linkage Editor for "Relocatable Code" on 8080's and Z-80's by Dan Shaw
 - Dr. Dobbs Mr p24 a Testing the DZ80-80 CPU from Dutronics, conversion from 8080 to Z80 by Jeff Raskin
 - Dr. Dobbs My p7 a Testing the DZ80-80 CPU Nifty Z-80 Conversion for Altair and IMSAI Comp. by Jef Raskin
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- Interf. Age My p111 a User TTY Handler for the Z-80 Development System
by Richard Maly
- Kilobaud Ja p20 a Is the Z-80 the Wave of the Present
by Pat Godding, MITS Inc.
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PCC Mr p2 a Z-80 PILOT An Experimental Version
by Dean Brown, Marc LeBrun
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- Byte Je p74 1 More on Using the Signetics 8X300 by Jon Twichell
Elec. Des. Mr29p86 a Design High Performance Processors with Bipolar Bit Slices (3000) by Stephen Lau, Signetics
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by James Moorer
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- Cr. Comput Mr p76 a MPL: A Program Library for Musical Data Processing
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MUSIC continued			
Cr. Comput	Mr	p88	a Music Analysis: Slam Simplified or How the Computer Compares with Bach by Thomas Whitney, Ohio State Univ.
Cr. Comput	Mr	p90	a The Digital Computer: Orchestra or Composer's Assistant? by Arthur Layzer
Cr. Comput	Mr	p91	a Bottom-Up Bizet, Reflections Implementing Release 234.5 of Pearl Fishers by Robert Taylor
Cr. Comput	Mr	p100	a The Transportation and Composition of Music by Computer by David Shmoys
Cr. Comput	Mr	p102	b Three Symposia by Barry Brook, ed.
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Cr. Comput	Mr	p105	b The Technology of Computer Music by Max Mathews
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Cr. Comput	Mr	p109	a Music More Music by J. Quentin Kuyper
Cr. Comput.	Mr	p112	a Scales by Marvin Thostenson
Cr. Comput.	Mr	p114	a Sharps & Flats by J Quentin Kuyper
Cr. Comput.	Mr	p116	a Musical Magic Squares by Fred Hofstetter
Electronics	Mr	17p97	m Timer Generates Trapezoid for Music Synthesizers by Roland Bitsch
Kilobaud	My	p82	a Digital Audio...Part 2: Generating That Weird Music by Tom Scott, Uncalledfor Productions
Pop. Elec.	Mr	p42	a Build the V-4 VC for Electronic Music by James Barbarello
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Byte	Ja	p42	a Watts Inside a Power Supply by Gary Liming
EDN	Ap	5p93	a A Wisely Chosen, Properly Treated Power Supply Won't Give You Grief by George Niu
Electronics	F	3p91	a Powering Up With Linear ICs by Lucinda Mattera
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Pop. Elec.	F	p59	a Current "Foldback" Protects Power Supply and Circuit by Jerome May
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Dr. Dobbs	Mr	p41	a The Selectric Typewriter as an Input/Output Device by Rod Graves, Anderson Jacobson
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EDN	Mr	5p109	a Programs Convert TTY into Memory Typewriter by John Conway
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PRINTERS continued

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Interf. Age	My	p118	a SC/MP Seiko Printer Interface and Program by Philip Roybal
Kilobaud	Ja	p104	a How to Use the New SWTP PR-40 by Denis R. Bourdeau
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PROGRAMMING

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- | GENERAL AND SOFTWARE | | | | | |
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| Byte | Je | p9 | e | The Software Dilemma by Carl Helmers | |
| Comp. Notes | Mr | p5 | a | Personality Traits Affect Computer Programming by Mike Hunter | |
| Comp. Notes | My | p8 | a | Arithmetic Errors "Bug" Users by Gale Schonfeld | |
| Cr. Comput. | My | p26 | a | A Crooked Shuffle, A Case Study in Bebugging The Programmer by Alan Filipski, Central Michigan Univ. | |
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| Dig. Design | Ja | p46 | a | Micropogramming, Making Your Mini Move Faster by John Trudeau | |
| Dr. Dobbs Electronics | My | p18 | 1 | Circle Generators by David Hudson | |
| | F | 3p110 | a | Avoiding Missteps in Programming and Memory by Norman Peterson | |
| IEEE Comp. Interf. Age | Mr | p29 | a | Preventing Software Piracy by Calvin Mooers | |
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| Kilobaud | Ja | p44 | a | SOFTWARE EXCHANGE...smoothing the rocky road by Art Childs | |
| Kilobaud | Ja | p76 | a | Solving Some of the Software Interchange Problems by Jef Raskin | |
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| | Mr | p12 | a | FREE SOFTWARE? or Support Your Local Software Vendor by Tom Pittman, ITTY BITTY COMPUTERS | |
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| Comp. Notes | Je | p14 | a | Circuit Analysis Applications Expanded to Run With Altair BASIC by Tom Simpson | |
| Dr. Dobbs Interf. Age | F | p9 | a | Sympole Cyphering by David Gruhn | |
| | Ja | p81 | b | Basic Software Library; Volumes I, II, III Reviewed by Roger Brown | |
| Interf. Age Kilobaud | Je | p128 | a | Day of the Week Program by Jim Huffman | |
| | My | p90 | a | Bridging the Gap...Tips on Turning an Application Into a Program by David Stanfield | |
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| Byte | My | p62 | a | What's in a Floating Point Package by Sheldon Linker, UCLA | |
| Byte | Je | p116 | a | Introduction to Microprogramming by S M Quek | |
| COMP NOTES | Ja | p17 | a | PRINT USING Applications Increase by O E Dial | |
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| Cr. Comput. | Ja | p96 | b | Programming Proverbs for Fortran Programmers by Henry Ledgard | |
| Cr. Comput | Mr | p96 | a | Thinking Strategies with the Computer: Inference by Donald Piele, Larry Wood, Univ of Wisconsin | |
| Cr. Comput. | My | p26 | a | A Crooked Shuffle, A Case Study in Bebugging The Programmer by Alan Filipski, Central Michigan Univ. | |
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- PROGRAMMING, FUNDAMENTALS continued
- Cr. Comput. My p27 1 Shuffling (Jan/Feb '77 Cr. Comput.)
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by Tim Barry
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by Tim Barry

PROGRAMMING, FUNDAMENTALS continued

- Radio Elec. My p24 a Komputer Korner, overview of 8080A up
by Peter Rony, David Larsen, Jonathan Titus
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by Paul Field, David Larsen, Peter Rony, Jon Titus
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by John Denker
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- Interf. Age Mr p125 a AMI's Re-entrant self-relative Subroutine ROM:
by edited by Robert Stevens
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- Interf. Age Je p123 1 EXMON-6800 Apr.'77 Interface Age p 114 by Stephen Stanely
- Kilobaud F p74 a The Hobbyist's Operating System...Part 2; Interfacing with
the Monitor by Dick Wilcox
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by Jack Inman
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by Lorin Mohler
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- PCC Ja p40 a People's Satellites
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PCC	Mr	p22	a	Have Micro, Will Travel by Joanne Knoltnow Verplank	
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Interf. Age	Je	p5	1	Protective Guidance System for Robot by Chandler Paris	
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Per Comput	My	p96	a	Robots on Your Doorstep by Nels Winkless III, Iben Browning	
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Elec. Des.	Ap	12p146	a	Consider Pulse-Width Modulation for Transmitting Data by Cable by Robert Stetson	
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Electronics	Ja	6p115	m	Computer/Cassette Interface Take Tone from Clock by Alan Sahakian	
Interf. Age	Ap	p68	a	Programmable Bit-Rate Generator by Krishna Rallapalli	
Interf. Age	My	p111	a	User TTY Handler for the Z-80 Development System by Richard Maly	
Kilobaud	My	p50	a	Who's Afraid of RS-232? Data Communications Explained by Greg Pickles	
Kilobaud	Je	p72	a	Solving Keyboard Interface Problems...Would You Believe a UART? by Peter Stark	
SCCS Interf.	Ja	p30	a	A Four Port Serial I/O Board by John Borders	
73	Ap	p102	a	The Phantom Exposed -- Everything About Crosstalk on Ma Bell's Lines by J K Bach	
SHOWS					
Byte	Ja	p100	a	Some Candid Shots from Personal Computing '76 by Marj Kirk	
Cr. Comput	Ja	p44	a	A Third (& Last?) National Student Computer Fair - More Thoughts by Stephen Gray	
PCC	My	p26	a	Once Upon a Faire by Tim Barry	
Per Comput	Ja	p30	a	Personal Computing Conference Draws 5,000	
Per Comput	My	p110	a	Personal Computing's Los Angeles Show by Anthony Abowd	
SOL MICROCOMPUTER					
Cr. Comput	My	p32	a	The SOL-20: Simple Enough for a Six-Year Old by Steve North	
Mini Micro	Je	p48	a	Intelligent-Terminal Designers Opt for 8080 Compatible Circuity (SOL) by Lee Felsenstein, Bob Marsh, Processor Tech.	
SPEECH					
Comp. Notes	Ap	p11	a	Altair Computer Reproduces Voice: Complex Waveforms Made Simple by Bill Kuhn	
Interf. Age	My	p56	a	Help Your Computer Understand Your Voice by Owen Thomas	
Pop. Elec.	My	p43	a	Introducing SPEECHLAB, The First Hobbyist Vocal Interface for Computer by Horace Enea, John Reykjalin	
STANDARDS					
Byte	F	p78	1	Standards by Chessman Kittredge III	
Byte	Mr	p102	1	Comments on a Prototyping Bus by Webb Simmons	
Byte	Mr	p102	1	Some Comments on the Universal Bus Idea by M Faimam, Assoc Prof o Computer Science	

- STANDARDS continued
- Byte My p117 a New ASCII Standards
by Hal Walker, National Multiplex Corp.
 - Interf. Age Ap p117 a Proposed Cassette Data Storage Format Standard
by Lorin Mohler
 - Interf. Age Je p66 a Introducing the S-100 Standard Small Computer Bus Structure
by W M Goble
 - Kilobaud F p126 a The "Kill a Byte" Standard
- STORES AND ENTERPRISES
- Byte Ap p145 m Computer Stores in Canada (listing)
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by George Alan
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 - PCC Ja p24 a Computer Stores Update List
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- SWTPC MICROCOMPUTER
- Cr. Comput Ja p33 a Building the SWTPC 6800 by Bryan Loofbourrow
 - Kilobaud My p49 a Speed Up Your 6800 by Jim Huffman, Hufco
- SYSTEMS
- Interf. Age My p68 a Multi-Tyme System Employs 880 Microcomputer for Timekeeping and Security by Michael di Meo
 - Per Comput Mr p49 a All Dressed Up With a Place to Go by Henry Gilroy
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by John Peers
- TELETYPE
- Byte Ja p32 a How to Drive a Teletype Without a UART by Gregory C Jewell
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by Don Parks
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- TERMINALS
- Byte Ja p92 a Separate Your Sync by David Rosen
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 - Cr. Comput Mr p36 a Processor Technology VDM-1 (review)
 - Dig. Design Ap p36 a What's Ahead in CRT Terminals? by Leigh Cropper
 - Dig. Design Ap p60 a CRT Terminal Review: a product sampler
 - Dr. Dobbs F p25 1 \$10 for 64 Characters & Scrolling on a TVT II
by R. Lynn Smith
 - Dr. Dobbs F p28 1 TVT II 64 Character Modification by Gary Alevy

TERMINALS	continued		
EDN	My 5p42	a Computer Terminals--Dumb, Smart, or Intelligent (Overview) by Paul Snigier	
EDN	My 5p66	a A Buyer's Guide to Available Printing Computer Terminals by Ed Imbier	
EDN	My 5p88	a Design a Low Cost CRT Terminal Around a Single-Chip uP by Michael Miller, Mostek	
Interf. Age	Ja p16	a A CRT Terminal Using the M6800 Family by Joe Roy, Dusty Morris, Motorola	
Interf. Age	Mr p72	a Product Guide: Terminals	
Kilobaud	Mr p88	a Using the "\$50" Terminal (ASCII to Baudot and back) by James Brown	
Mini Micro	Mr p50	a What is an "Intelligent" Terminal? by Malcolm Stiefel	
TEST EQUIPMENT			
Byte	Ja p82	a The Built-In Logic Tester by Kurt Christner, Bently Nevada Corp	
Elec. Des.	F 1 p40	a Focus: On Logic and uP Analyzers by Stanley Runyon	
Elec. Des.	F 1 p72	m Test Checks Power or Continuity Without Switching or Probe Adjusts by L H Logan	
Elec. Des.	Mr1 p72	a Resolving DMM Accuracy by Robert Metzler, Tektronix	
Electronics	Mr3 p117	m Logic Tester has Unambiguous Display by Jayasimha Prasad, M R Muralidharan	
Electronics	Mr31p118	m Roving Display Checks Microprocessor I/O by Knute Berstis	
Interf. Age	Mr p80	a Product Guide: Test Equipment	
Kilobaud	Ja p118	a Nobody Knows the Troubles I've Seen (logic analyzer) by R A Walker, T H Lincoln, A H McDonough	
Kilobaud	Ap p28	a Build an Eight Channel Multiplexer for Your Scope by W J Prudhomme	
Kilobaud	Ap p50	a Super Tester...A Digital Design Aid by Morris Krieger	
Kilobaud	Je p49	a Build a Pulse Generator...a Useful Hardware Test Aid by Bob Grater, George Young	
Pop. Elec.	Ja p61	a Multimeters for Electronics by Clayton Hallmark	
Pop. Elec.	F p40	a Low-Cost Digital Logic Analyzer	
Pop. Elec.	Je p53	a Build a Digital IC Tester by R M Stitt	
Pop. Elec.	Je p59	a Guide to Oscilloscopes by Clayton Hallmark	
Radio Elec.	Ja p75	a Analog Voltmeters by Charles Gilmore	
Radio Elec.	F p75	a Analog Voltmeters by Charles Gilmore	
Radio Elec.	Mr p69	a Analog Voltmeters, Current types available by Charles Gilmore	
Radio Elec.	Mr p76	a Build Tone Probe for Testing Digital IC's by Larry Fort by G Muething, I Spector, C Wong	
Radio Elec.	Je p44	a Build A Digital IC Identifier / Tester by Earl Savage	
TIMESHARING			
Electronics	Mr31p108	a Software Setup Eases Traffic Flow for Mutiprocessors by Janak Pathak, National Semiconductor	
Comp. Notes	Je p1	a Altair Timesharing BASIC Challenges Large Computer Systems by Susan Dixon	
Per Comput.	Ja p27	m Timesharing?	
Radio Elec.	Ja p66	a Turn Your Microcomputer into a Maxi by Patrick Godding	
VIDEO DISPLAYS			
Byte	Ja p92	a Seperate Your Sync by David Rosen	
Byte	F p32	1 Ask Byte, about TV display frequencies etc. by Steve	
Byte	F p44	a Color Displays on Black and White Television Sets by Steve Bain, Technagraphic	
Byte	Ap p90	b TV Typewriter Cookbook by Don Lancaster	
Cr. Comput.	Ja p31	a Be Careful of RFI and TVI from Your CPU	
Cr. Comput.	Mr p35	a Dazzle Your TV With a TV Dazzler	
Cr. Comput.	Mr p36	a Processor Technology VDM-1 (review) by Don Lancaster	
Dig. Design	Ap p50	a Improving CRT-Module Performance in Today's CRT Terminals by John Logeman, John McCabe	
Dr. Dobbs	F p25	1 \$10 for 64 Characters & Scrolling on a TVT II by R. Lynn Smith	
Dr. Dobbs	F p28	1 TTV II 64 Character Modification by Gary Alevy	
Dr. Dobbs	Ap p10	a Screen--Image Hard Copy for the VDM-1 by Dan Parker	
EDN	Mr5 p81	a Video Ram's add a New Dimension to Microcomputer Interfacing by Lorne Trottier, Matrox Elec. Systems	
Elec. Des.	Mr1 p76	a TTL Oscillator Interfaces Data for Display by a Television by Harry Latterman	
Electronics	Ja20p99	m Diodes Fix Levels for Composite-Video Generator by Robert Lacy	
Interf. Age	Mr p104	a Card of the Month: Cromenco TV Dazzler by Roger Edelson	

VIDEO DISPLAYS continued

- Kilobaud Je p50 a A TVT For Your KIM...at a Price You Won't Believe
73 Mr p72 a High Quality Display -- With Complete Cursor and Video
Control by Don Alexander
- 73 F p78 a Building the Polymorphics Video Board -- The Voice of
Experience by Glen Charnock
- WAVE MATE MICROCOMPUTER
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